

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5	("3339579"   "3346009"   "4456028").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 10:23
S2	3	"3508986"	US-PGPUB; DERWENT	ADJ	ON	2008/06/11 10:42
S3	4	"3508986"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/06/11 10:42
S4	6	"2116293"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/06/11 10:44
S5	1	"19955083"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/06/11 10:46
S6	4	"3508986"	US-PGPUB; EPO; DERWENT	ADJ	ON	2008/06/11 10:47
S7	2	"0241952"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 10:49
S8	3	"0241952"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	ADJ	ON	2008/06/11 10:49
S9	264	"241952"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	ADJ	ON	2008/06/11 10:50
S10	2	("0241925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 10:50
S11	2	("3148454").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/11 10:50
S12	4	("3148454").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2008/06/11 10:50
S13	2	("3148454").PN.	EPO; DERWENT	OR	OFF	2008/06/11 10:51
S14	8	("2116293").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:31

S15	1	("19955083").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:32
S16	8	("1148511").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:32
S17	4	("3005177").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:35
S18	4	("2818581").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:36
S19	2	("19604889").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:38
S20	4	("3148454").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	OR	OFF	2008/06/11 11:38
S21	694	137/538.ocls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 12:19
S22	437	137/538.ocls.	US-PGPUB; USPAT	ADJ	ON	2008/06/11 12:19
S23	224	piston adj2 flat surface	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:27
S24	192	piston adj2 flat surface and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:27
S25	192	(piston adj2 flat surface) and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:27
S26	13	(piston adj2 flat surface) and pressure and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:27
S27	563	(piston adj2 groove) and pressure and "137". clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:29
S28	82	(piston adj2 groove) and pressure.ti. and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 14:29

S29	81	137/470.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/11 17:34
S30	1	("2672881").URPN.	USPAT	ADJ	ON	2008/06/12 08:07
S31	2	BUCHBERGER-THOMAS. in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:13
S32	0	BUCHBERGER-THOMAS- \$.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:13
S33	0	WEI XELBERGER-FRANZ- \$.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:14
S34	1	WEI XELBERGER-FRANZ. in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:14
S35	1	HOELLER-WOLFGANG. in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:14
S36	0	HOELLER-WOLFGANG-\$. in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:14
S37	15302	bosch.as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:15
S38	13178	bosch.as. and de.asco.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:15
S39	6601	bosch.as. and de.asco. and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:15
S40	565	bosch.as. and de.asco. and pressure.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:15
S41	231	bosch.as. and de.asco. and pressure.ti. and piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:24
S42	5	pressure.ti. and piston and adjusting shim	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:29
S43	243	pressure.ti. and piston and shim	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:31
S44	79	pressure.ti. and piston and shim and (regulat \$3 or limit\$3 or control \$4).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 10:31
S45	5	adjusting shim near4 piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 11:51
S46	9	adjusting shim near6 piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 11:52
S47	325	shim near3 piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 11:54
S48	18	shim near3 piston and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 11:54
S49	13	shim near3 piston and "251".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:00

S50	17	shim near5 piston and "251".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:06
S51	0	not S50 and S49	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:06
S52	0	not S50 and S49	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:07
S53	4	not S49 and S50	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:07
S54	24	shim near5 piston and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:09
S55	6	not S48 and S54	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:10
S56	325	shim near3 piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:12
S57	1	shim near3 piston near2 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:12
S58	1	shim near3 piston near3 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:12
S59	1	shim near3 piston near4 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:12
S60	1	shim near4 piston near4 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:13
S61	1	shim near5 piston near4 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:13
S62	1	shim near5 piston near5 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:13
S63	14	washer near5 piston near5 slip\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 12:13
S64	1	137/538.ccls. and calk \$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 13:58
S65	0	137/470.ccls. and calk \$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 13:58
S66	8	137/511-543.23.ccls. and calk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 13:59
S67	137	valve.ti. and calk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:00
S68	2	valve.ti. and (calk\$3 with screw\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:00
S69	6	valve.ti. and (calk\$3 with thread\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:01
S70	10	housing with (calk\$3 with thread\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:02
S71	14	valve housing with calk \$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:02
S72	0	valvewith calk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:04

S73	135	valve with calk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:04
S74	25	valve with calk\$3 and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:04
S75	131	valve with caulk\$3 and "137".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:09
S76	0	137/538.ccls.caulk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:10
S77	1	137/538.ccls. and caulk \$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:10
S78	63	137/511-543.23.ccls. and caulk\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:10
S79	6	"2672881"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 14:46
S80	776	137/470,538.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 14:22
S81	1742	check valve.ti. and spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 14:25
S82	590	check valve.ti. and spring and piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 14:26
S83	25792	valve.ti. and spring and piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 15:28
S84	25202	not S82 and valve.ti. and spring and piston	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 15:28
S85	10992	not S82 and valve.ti. and spring and piston and ("137" or "251"). clas. and (slid\$4 or reciprocat\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 15:29
S86	2663	not S82 and valve.ti. and spring and piston and ("137" or "251"). clas. and (slid\$4 or reciprocat\$4) and check valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 15:35
S87	281	not S86 and check valve.ti. and spring and piston and ("137" or "251").clas. and (slid\$4 or reciproc\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 16:06
S88	266	not S86 and check valve.ti. and spring and stem and ("137" or "251").clas. and (slid\$4 or reciproc\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 16:07

S89	266	check valve.ti. and spring and stem and ("137" or "251").clas. and (slid\$4 or reciproc \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/09 16:07
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